

Title (en)

Waterproof material and method for applying it

Title (de)

Wasserdichtes Material und Verfahren zu seiner Anwendung

Title (fr)

Matériau imperméable et procédé d'application

Publication

EP 0803531 A3 20000419 (EN)

Application

EP 97302746 A 19970422

Priority

- JP 10221396 A 19960424
- JP 17328896 A 19960703

Abstract (en)

[origin: EP0803531A2] A waterproof material is disclosed herein which is obtainable by laminating many sheets of a photo-setting type fiber reinforced thermosetting resin composition comprising a resin composition containing a thermosetting resin, a photopolymerization initiator and a thickener, and a fiber reinforced material, or by laminating plural sheets of a synthetic polymer, and a waterproof application method using the waterproof material is also disclosed herein. According to the present invention, the waterproof layer can be formed on the surface of a civil engineering works or a building in a short time of about 30 minutes by a few steps without polluting a working environment. Furthermore, the waterproof layer, needless to say, has water resistance, weathering resistance, anticorrosion and substrate adhesion. In addition, it is further excellent in follow-up properties to cracks of the substrate, and walking on the waterproof layer is possible.

IPC 1-7

C08J 5/10; **B32B 5/14**; **B32B 27/04**; **C08F 263/00**

IPC 8 full level

B32B 7/022 (2019.01); **B29C 70/50** (2006.01); **B32B 27/04** (2006.01); **B32B 27/20** (2006.01); **E04D 5/10** (2006.01)

CPC (source: EP US)

B29C 70/508 (2013.01 - EP US); **B32B 7/022** (2018.12 - EP US); **B32B 27/04** (2013.01 - EP US); **B32B 27/08** (2013.01 - US); **B32B 27/20** (2013.01 - EP US); **B32B 27/36** (2013.01 - US); **B32B 27/40** (2013.01 - US); **E04D 5/10** (2013.01 - EP US); **B32B 2307/7265** (2013.01 - US); **B32B 2309/105** (2013.01 - US); **Y10T 428/24124** (2015.01 - EP US); **Y10T 428/24355** (2015.01 - EP US); **Y10T 428/2913** (2015.01 - EP US)

Citation (search report)

- [A] US 4506060 A 19850319 - WHITE SR JAMES T [US], et al
- [XD] PATENT ABSTRACTS OF JAPAN vol. 016, no. 413 (C - 0980) 2 September 1992 (1992-09-02)
- [AD] PATENT ABSTRACTS OF JAPAN vol. 013, no. 535 (M - 899) 29 November 1989 (1989-11-29)
- [AD] PATENT ABSTRACTS OF JAPAN vol. 012, no. 467 (C - 550) 7 December 1988 (1988-12-07)

Cited by

EP1081179A3; EP2292416A1; US6652694B1

Designated contracting state (EPC)

CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0803531 A2 19971029; **EP 0803531 A3 20000419**; **EP 0803531 B1 20030319**; DE 69719836 D1 20030424; US 5935683 A 19990810

DOCDB simple family (application)

EP 97302746 A 19970422; DE 69719836 T 19970422; US 83826197 A 19970417